

Acid Safety Checklist

Acid Storage

- ☐ Acids stored separately from bases, organic acids, flammables, water reactives
- ☐ Acids stored in secondary containment
- ☐ Eyewash and shower immediately available
- ☐ Spill kit available
- ☐ HF-Calcium gluconate available, current

Acid Use

- ☐ Required PPE available, in good condition
- ☐ Review complete for use of hot perchloric, pressurized HF, nitric >90%
- ☐ Eyewash/shower available
- ☐ Ventilation system (e.g. hood) used for acid work when necessary
- ☐ Spill response guide available and current

Acid Waste

- ☐ Waste stored in SAA
- ☐ SAA has current and appropriate manager, signs, secondary containment
- ☐ Acid waste stored in separate secondary containment from bases, flammables
- ☐ Acid waste container correctly labeled, waste less than 6 months old
- ☐ Acid stored in appropriate container
- ☐ Pressure relieving lid on all acid waste containers
- ☐ Piranha etch and aqua regia are not stored, but are promptly neutralized (immediate goal–submitted waste treatment plan to Howard Hansen)

Briefing

- ☐ Everyone in the lab who might ever use acids has viewed the stand down presentation and been reminded of the requirements for use of acid and generation of acid waste
- ☐ For piranha etch and HF–everyone who uses these materials has read the MSD guidance documents on the handling of these materials

PI: _____ Date: _____

